CLAIMS

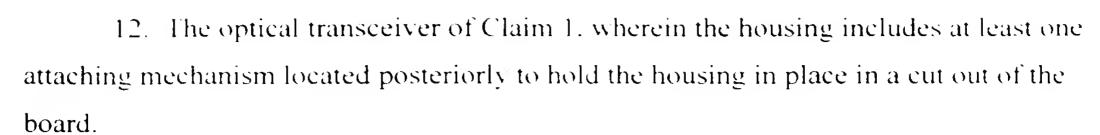
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We claim:

- 1. An optical transceiver, comprising:
- a housing mountable on a board with a portion of the housing above a plane of the board and second portion of the housing below the plane of the board.
 - 2. The optical transceiver of Claim 1, wherein the housing includes part of a notch and rail system.
 - 3. The optical transceiver of Claim 2, wherein the housing includes a notch.
 - 4. The optical transceiver of Claim 2, wherein the housing includes a rail.
- 5. The optical transceiver of Claim 2, wherein the notch of the notch and rail system is adjustable in height.
 - 6. The optical transceiver of Claim 5, wherein the notch is adjusted by a rack and pinion system comprising a rack located on a lateral wall of the notch and a pinion which impinges upon the rack whereby turning the pinion adjusts the height of the notch.
- 7. The optical transceiver of Claim 2, wherein the notch and rail system is located on at least one side of the optical transceiver housing.
 - 8. The optical transceiver of Claim 1, wherein the housing includes a securing mechanism at an interfacing surface of the housing with the board to hold the housing in place against the board.
- 9. The optical transceiver of Claim 8, wherein the securing mechanism is a spring clip.
 - 10. The optical transceiver of Claim 1, wherein the housing has a wedge shape.
 - 11. The optical transceiver of claim 11, wherein the housing has at least one screw hole located to receive a screw passing through a face plate of an enclosure in which said board is mounted.

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- 13. The optical transceiver of Claim 12, wherein the attaching mechanism5 includes at least part of a notch and rail system.
 - 14. The optical transceiver of Claim 12, wherein the attaching mechanism includes a latch arm that secures to the board through a hole in the board.
 - 15. The optical transceiver of Claim 12, wherein the attaching mechanism includes a screw that screws into a threaded piece attached to the board.
 - 16. The optical transceiver of Claim 1. wherein the housing includes a heat sink.
 - 17. The optical transceiver of Claim 16, wherein the heat sink includes heat fins.
 - 18. An optical transceiver, comprising:

means for mounting a housing of the optical transceiver to a board such that a first portion of the housing is disposed above a plane of the board and a second portion of the housing is disposed below the plane of the board.

- 19. The optical transceiver of Claim 18, wherein the means for mounting the housing is located on at least one side of the housing.
- 20. The optical transceiver of Claim 18, further including a means for securing the housing against the board.
- 21. The optical transceiver of Claim 18, further including means for dissipating heat.